

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-01 10:54:40
 Date of Next Testing: 2029-06-30 10:54:40
 Product Name: **Adenosine 5'-monophosphate monohydrate**
 CAS Number: 18422-05-4
 Specifications & Purity: $\geq 97\%$, from yeast
 Lot #: F2517324
 SKU #: **A111884**
 Version: **1**
 Analysis #: **159081**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Wave Length	259-260 (nm)	259.62 nm
Purity(HPLC)	97-100 (%)	97.05700 %
EmM	14.8-15.5	15.27
Water by Karl Fischer	3.5-6.2 (%)	4.62 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 2\% \text{ NaOH})$	$-49.5--47.5 (^{\circ})$	-47.65°
Appearance (A111884)	white powder	White powder
Solubility, Colorless , Clear 50 mg/mL, 1M NH ₄ OH	pass	Pass



John Su
QA & QC Manager